

NEW PRODUCT

New Advanced Panel

Evolutionary model incorporates a level of high picture quality never before obtainable, attractive framing and excellent connectivity and operation ease.



● Thin Stylish Aluminum Bezel

Elegant and modern. Premium-quality aluminum bezel design with 31mm-wide frame accented by a black hairline finish and intricately grooved edges.

● Advanced Picture Quality

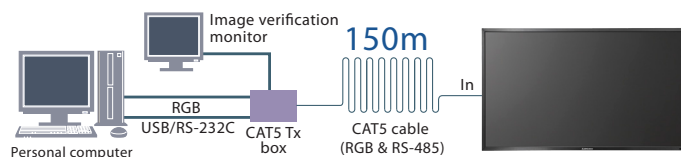
The new panel component design enables the actualization of an overwhelmingly high contrast of 4000:1, leading to the reproduction of high picture quality.

● Flexible Landscape or Portrait Installation

Innovative component technologies and installation techniques have resulted in amazing panel orientation flexibility, enabling the choice of landscape or portrait-style mounting.

● Built-in CAT5 Receiver

Installation flexibility in terms of location as well. CAT5 receiver and transmitter enable installations using up to 150 metres of cable without degradation of picture quality.



● Automatic Brightness Control

Image clarity ensured. Front and rear light sensors are installed for automatic brightness control. Lighting conditions are continuously measured and image brightness adjusted automatically for optimum viewing. Panel service life and energy savings are increased through lower power consumption in darker environments.

65" LCD Display MDT 652S

Resolution

1920x1080
(Full HD)

Colours

1.06 billion

Brightness

700cd/m²

Contrast Ratio

4000:1

Viewing Angle

**Up/Down 178°
Left/Right 178°**

Response Time

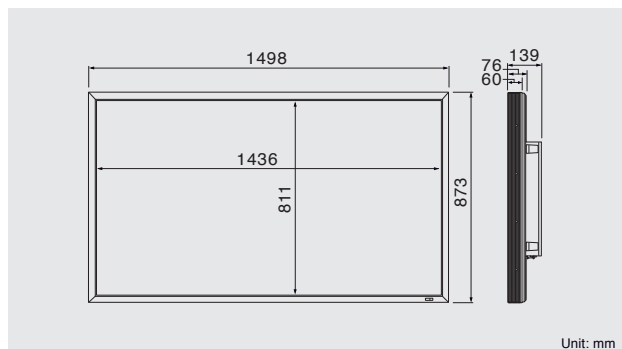
8ms (Grey to Grey)

65" LCD Display

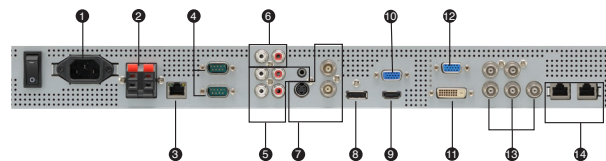
MDT652S

65

Dimensions



Connector Terminals



- 1 Power in (3-pin, with earth terminal)
- 2 External speaker terminals
- 3 LAN (modular connector 8-pin)
- 4 RS-232C I/O (D-sub 9-pin)
- 5 Audio in
- 6 Audio out (RCA)
- 7 Video I/O (BNC/S-terminal)
- 8 RGB 6 in (DisplayPort)
- 9 RGB 1 in (HDMI)
- 10 RGB out (mini D-sub 15-pin)
- 11 RGB 2 in (DVI-D)
- 12 RGB 3 in (mini D-sub 15-pin)
- 13 RGB 4 in DVD/HD in (BNC)
- 14 CAT5 I/O connectors (modular connector 8-pin)

Specifications

Orientation			Landscape/Portrait	
LCD module	Screen size (diagonal)		64.5" (1639mm)	
	Panel type		VA	
	Pixel pitch		0.744mm	
	Resolution		1920 × 1080 (Full HD)	
	Colour		Approx. 1.06 billion	
	Brightness (typ.)		700cd/m ²	
	Contrast ratio		4000 : 1	
	Viewing angle (CR≥10)		Up/Down 178°, Left/Right 178°	
Response time		8ms (Grey to Grey)		
Viewing area			1428 x 804mm (56.2 x 31.6")	
Power management			VESA DPM	
Plug-n-Play			VESA DDC2B, DDC/CI	
Auto adjustment			Contrast, Position, Phase, Clock	
OSD user functions			Brightness, contrast, black level, auto brightness, zoom, PiP, screensaver, side border colour, Gamma selection, black level expansion, heat status, power-on delay, schedule, tiling, CAT-5 control, LAN control, closed caption, etc.	
Input/Output signal	PC Input/ Output	Input connector	(Analog) (Digital)	Mini D-sub 15-pin, BNC (R, G, B, H, V) (PC/AV common)
		Output connector(Analog)		HDMI (PC/AV common), DVI-D (with HDCP, PC/AV common), DisplayPort
		CAT5 input		Modular 8-pin×1 providing RGB differential video and RS-485 control support.
		CAT5 output		Modular 8-pin×1 providing RGB differential video and RS-485 control support.
		Horizontal frequency		15.625/15.734, 31.5-91.1kHz
		Vertical frequency		50, 58-85Hz
		Video signal		Analog RGB, Digital: RGB
		Sync signal		Analog: separate (TTL), composite (TTL), Sync-on-Green, Digital: TMDS
	Resolutions supported		640 × 480, 800 × 600, 1024 × 768, 1280 × 768, 1360 × 768, 1280 × 1024, 1600 × 1200,1920 × 1080, 1920 × 1200 (1600 × 1200, 1920 × 1200 simplified compression)	
	AV Input/ Output	Input connector	(Analog) (Digital)	Composite video <BNC>, S-terminal, BNC(Y/Pb/Pr/PC/AV common)
		Output connector		HDMI (PC/AV common), DVI-D (with HDCP, PC/AV common)
		Resolutions supported		Analog: composite video <BNC> Composite signal/S-terminal: NTSC, PAL, SECAM, 4.43 NTSC, PAL60 Component signal: 480i, 480p, 576i, 576p, 720p, 1080i, 1080p
	Audio Input/ Output	Input connector	(Analog) (Digital)	RCA pin-jacks × 2 (L/R), stereo mini jack
		Output connector		HDMI (digital audio) RCA pin jacks (L/R)
	Power Supply	External speaker output		Speaker terminals (L/R), 7W + 7W (8ohm)
		Control Input/Output	Input connector Output connector	RS-232C <D-sub 9-pin>, LAN <modular 8-pin> RS-232C <D-sub 9-pin>
Voltage, Current Consumption		AC100-240V, 50/60Hz 458W(445W w/o speakers)		
Consumption in economy mode		Less than 5W with CAT5 input selected Less than 1W with other input selected 0W with power switch off		
Dimensions (W×H×D)	Net	1498 × 873 × 139mm (59.0"×34.4"×5.5")		
	Overall	1774 × 1200 × 375mm (69.8"×47.2"×14.8")		
Weight	Net	Approx. 46.5kg / 102.5lbs		
	Gross	Approx. 62.4kg / 137.6lbs		
Wall mounting interface			8 holes, M8 screws (200mm (7.9") pitch) for monitor, 4 holes x 2 sets, M4 screws (100mm (4.0") pitch) for SBC , Signage player mounted on monitor	
Regulation/Guideline compliance			UL60950-1/C-UL/CE Marking/BSMI/GOST-R/FCC-B /DOC-B/C-Tick/RoHS/US Mercury/CCC only for Chinese model	
Accessories			Power cord, signal cable (mini D-sub 15-pin to mini D-sub 15-pin cable), User's Manual, remote control, batteries, clamps (for power cord and HDMI cable), CAT5 transmitter box, CD-ROM,etc.	

The display size stated in flyer copy is rounded off to a whole number. The actual size is listed in the Specifications chart.

MITSUBISHI ELECTRIC CORPORATION
 HEAD OFFICE: TOKYO BLDG., 2-7-3, MARUNOUCHI, CHIYODA-KU, TOKYO 100-8310, JAPAN
<http://Global.MitsubishiElectric.com/>

- All information contained herein may be changed without prior notice.
- HDMI, ~~HDMI~~ and High-Definition Multimedia Interface are trademarks or registered trademarks of HDMI Licensing, LLC in the United States and other countries.
- Other brand, product, and service names are trademarks or registered trademarks of the respective companies.
- Products in this flyer do not imply that Mitsubishi Electric Corporation intends to have them available in all countries where Mitsubishi Electric Corporation and its subsidiaries operate.
- Photographs are simulated images.



Revised publication, effective XXX. 2011.
 Superseding publication X-X00-0-00000-X XXX. 2011
 Specifications are subject to change without notice.